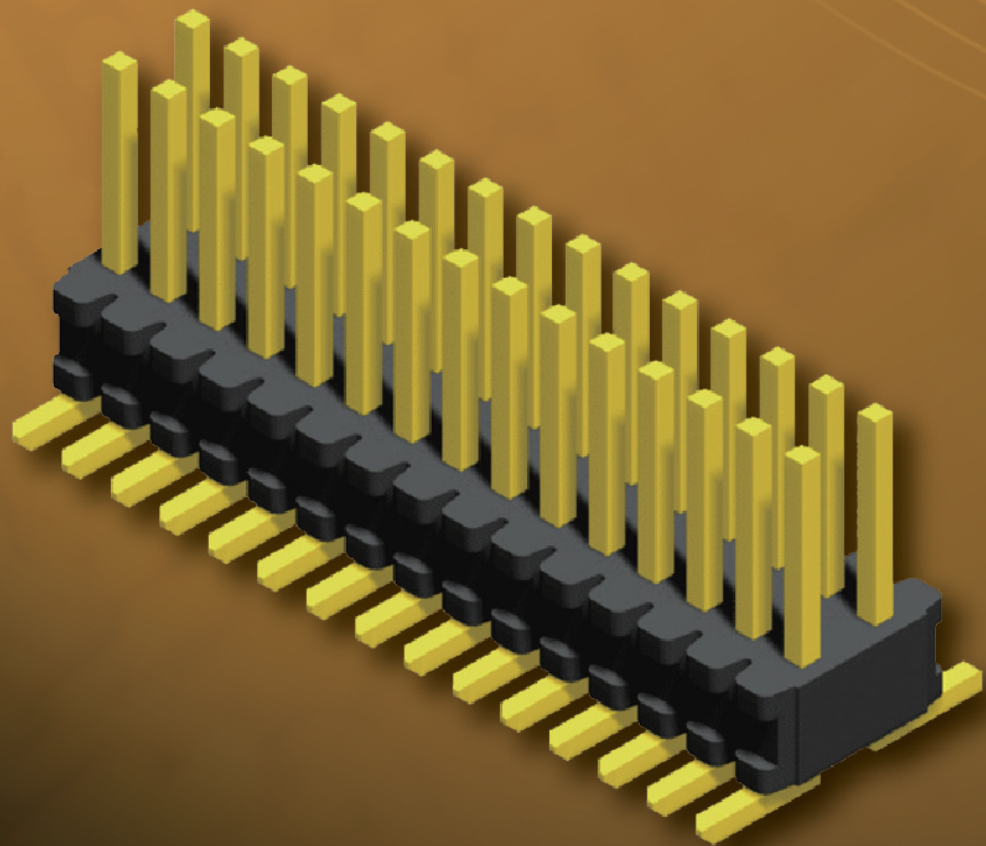


Header & Socket Connectors

2-1~2-3

• PCB Conn. 0.8mm



AMTEK Technology Co., Ltd

CONNECTORS MANUFACTURER



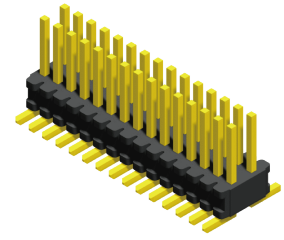
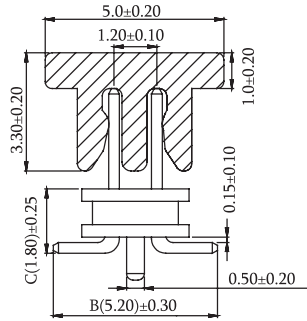
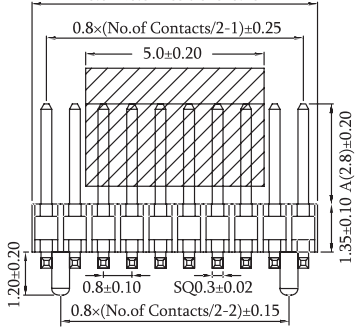
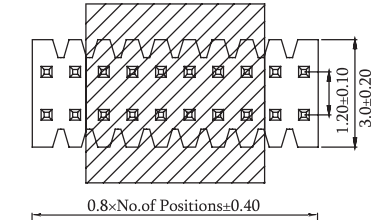
Pin Header 0.8mm 2 Row H=1.4mm SMT Type

Specifications

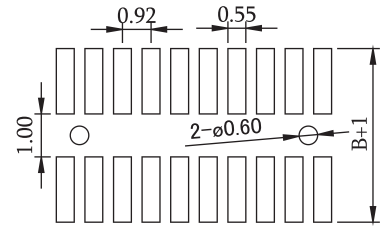
Current Rating: 0.75 AMP
 Insulation Resistance: 1000MΩ Min.
 Contact Resistance: 20mΩ Max.
 Dielectric Voltage: 500V AC for one minute

Material

Insulator: Hi-Temp. Thermoplastic, UL 94V-0
 Terminal: Copper Alloy
 Standard Plating: Gold Flash



P/N.: 5PH6MSX14-2XXU



Recommended PCB Layout
 (PCB TOLERANCE ±0.05)

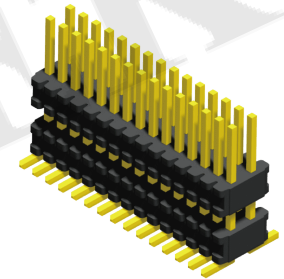
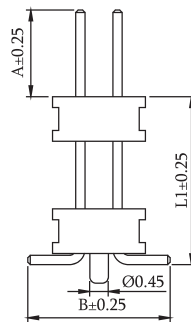
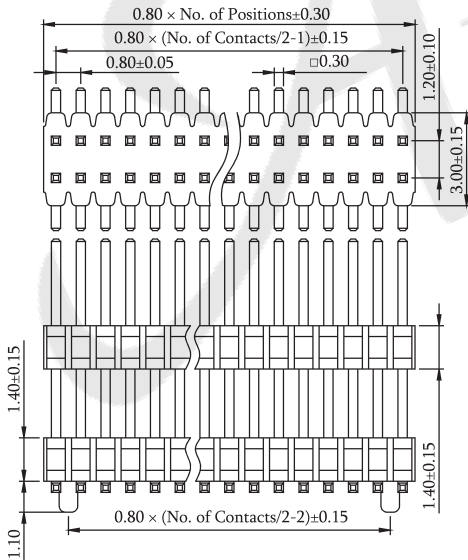
Pin Header 0.8mm 2 Row H=1.4mm Stack SMT Type

Specifications

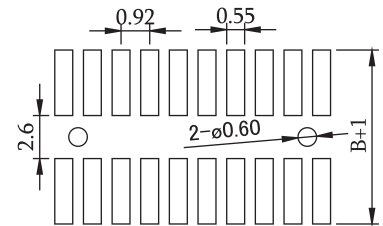
Current Rating: 0.75 AMP
 Insulation Resistance: 1000MΩ Min.
 Contact Resistance: 20mΩ Max.
 Dielectric Voltage: 500V AC for one minute

Material

Insulator: Hi-Temp. Thermoplastic, UL 94V-0
 Terminal: Copper Alloy
 Standard Plating: Gold Flash



P/N.: 5PH6DMX14-2XXU



Recommended PCB Layout
 (PCB TOLERANCE ±0.05)

ORDER INFORMATION

5	P	H	6	X	X	X	1	4	-	2	X	X	X	X	X	N	X	U	-	A/B/C	A/L1/B														
MS: Single Plastic SMT DM: Stack Plastic SMT			Plastic Height 14:H=1.4mm			2: Dual Row			No. of Contacts Per Row (02~50)			N: W/O Peg P: With Peg			T: Tube W/O Cap C: Tube With Cap H: T/R W/O Cap R: T/R With Cap			U: RoHS + Hi-Temp			EX.: 028046018 A: 2.80(028) B/L1: 4.60(046) C: 1.80(018) A/B/C For 5PH6MS A/L1/B For 5PH6DM														
G0: Gold Flash			S0: Selective Au			GA: Au 5u"			SA: Selective Au 5u"			GB: Au 10u"			SB: Selective Au 10u"			GC: Au 20u"			SC: Selective Au 20u"			GD: Au 30u"			SD: Selective Au 30u"			T0: Tin Plated			TE: Tin 200u"		

◎: Standard Recommended
 Tube package is not available for under 1*5 & 2*5 pin counts
 The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N: PH6M/DM14-2

P in Header 0.8mm

ROHS

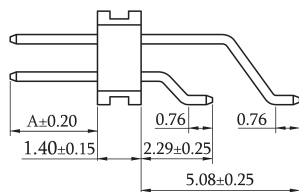
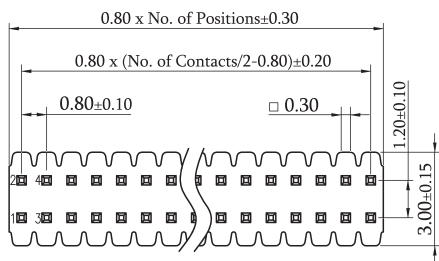
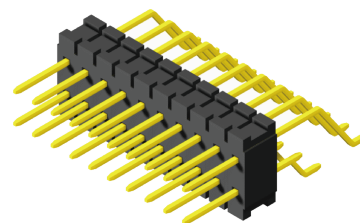
Pin Header 0.8mm 2 Row H=1.4mm SMT R/A Type

Specifications

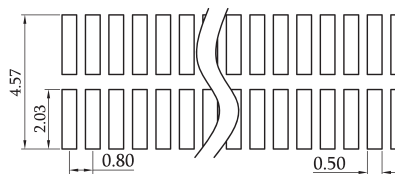
Current Rating: 0.75 AMP
 Insulation Resistance: 1000MΩ Min.
 Contact Resistance: 20mΩ Max.
 Dielectric Voltage: 500V AC for one minute

Material

Insulator: Hi-Temp. Thermoplastic, UL 94V-0
 Terminal: Copper Alloy
 Standard Plating: Gold Flash



P/N.: 5PH6MRX14-2XXU



Recommended PCB Layout
 (PCB TOLERANCE ± 0.05)

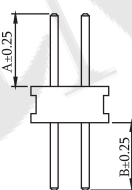
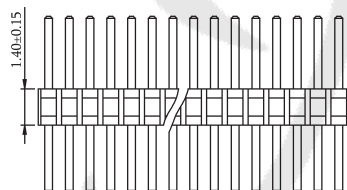
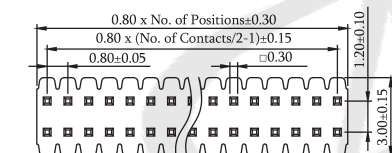
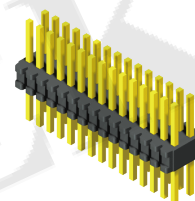
Pin Header 0.8mm 2 Row H=1.4mm Straight / Stack Straight Type

Specifications

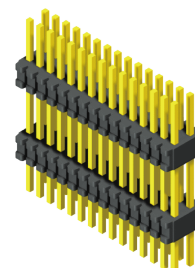
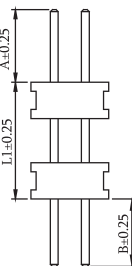
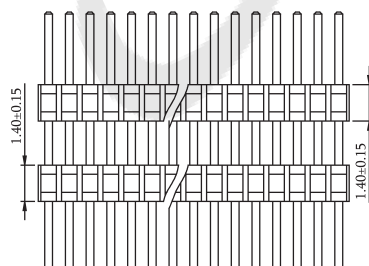
Current Rating: 0.75 AMP
 Insulation Resistance: 1000MΩ Min.
 Contact Resistance: 20mΩ Max.
 Dielectric Voltage: 500V AC for one minute

Material

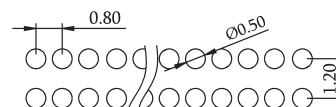
Insulator: Hi-Temp. Thermoplastic, UL 94V-0
 Terminal: Copper Alloy
 Standard Plating: Gold Flash



P/N.: 5PH6SDX14-2XXU



P/N.: 5PH6DDX14-2XXU



Recommended PCB Layout
 (PCB TOLERANCE ± 0.05)

ORDER INFORMATION

5 P H 6 X X X

MR: Single Plastic R/A SMT
 SD: Single Plastic DIP
 DD: Stack Plastic DIP

1 4 -

Plastic Height
 14: H=1.4mm

2

2: Dual Row

X X

No. of Contacts
 Per Row (02~50)

X X

N: W/O Peg

N N

X: Box
 B: Bag
 T: Tube W/O Cap
 C: Tube With Cap
 H: T/R W/O Cap
 R: T/R With Cap

X

U: RoHS + Hi-Temp

U -

A
 A/B
 A/L1/B

EX.: 028046018
 A: 2.80(028)
 B/L1: 4.60(046)
 C: 1.80(018)
 A For 5PH6MRA14-2
 A/B For 5PH6SDA14-2
 A/L1/B For 5PH6DDA14-2

© Standard Recommended
 Tube package is not available for under 1*5 & 2*5 pin counts
 The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N: PH6MR/S/D14-2



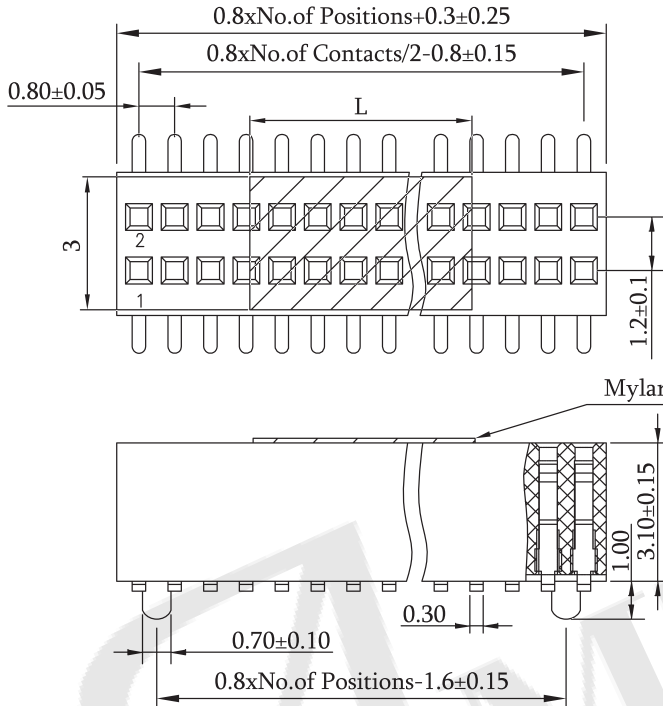
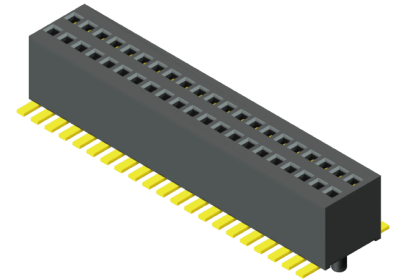
Female Header 0.8mm 2 Row H=3.1mm SMT Type

Specifications

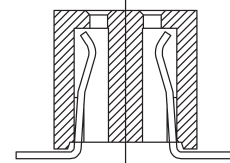
Current Rating: 0.75 AMP
 Insulation Resistance: 1000MΩ Min.
 Contact Resistance: 20mΩ Max.
 Dielectric Voltage: 500V AC for one minute

Material

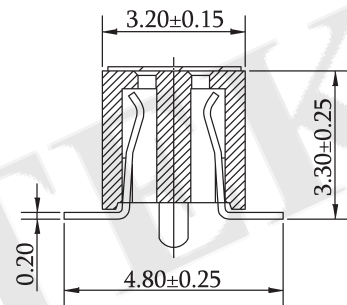
Insulator: LCP, UL 94V-0, Black
 Contact Pin: Phosphor Bronze
 Standard Plating: Gold Flash



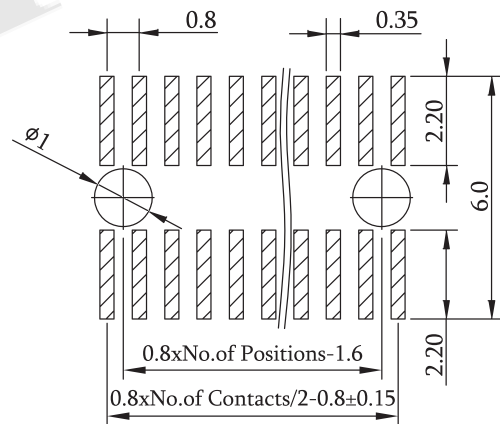
P/N.: 5PS6MSB31-2XXP



WITHOUT PEG



WITH PEG



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

Pin No.	Mylar	
	L	W
2x2	2.0mm	3.0mm
2x3	2.0mm	3.0mm
2x4	3.0mm	3.0mm
2x5	4.0mm	3.0mm
≥2x6	5.0mm	3.0mm

ORDER INFORMATION

5	P	S	6	M	S	X	3	1	-	2	X	X	X	X	N	X	N	X	P
MS: SMT Straight			Plastic Height 31:H=3.1mm			2: Dual Row		No. of Contacts Per Row (02~50)		G0: Gold Flash		S0: Selective Au		N: W/O Bump		N: Non Type		T: Tube W/O Cap	
										GA: Au 5u"		SA: Selective Au 5u"		P: With Peg		M: T/R With Mylar		P: RoHS + LCP	
										GB: Au 10u"		SB: Selective Au 10u"							
										GC: Au 20u"		SC: Selective Au 20u"							
										GD: Au 30u"		SD: Selective Au 30u"							
										T0: Tin Plated		TE: Tin 200u"							

Ⓞ: Standard Recommended
 Tube package is not available for under 1*5 & 2*5 pin counts
 The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N: PS6M31-2

Female Header 0.8mm

ROHS